

Alaska, Escort Breakpoints

| Dimension | Threshold | Escorts Required | Notes/Placement |
|----------------|--------------------------|---------------------------------|---------------------------------------|
| Width | >10' to ≤12' | 1 pilot car | Front/rear as needed |
| Width | >12' to ≤14' | 2 pilot cars | 1 front/1 rear all roads |
| Width | >14' to ≤18' | 3 pilot cars | Front/middle/rear configuration |
| Width | >18' to ≤22' | 4 pilot cars | Full convoy with traffic control |
| Width | >22' | 5 pilot cars + road closure | Law enforcement coordination required |
| Height | >15' | 1 front escort w/height pole | Verify overhead clearances |
| Height | >17' | 2 escorts (front pole required) | Route survey mandatory |
| Length | Single unit >65' to ≤85' | 1 pilot car | Rear preferred |
| Length | Single unit >85' | 2 pilot cars | Front/rear all roads |
| Length (Combo) | >75' to ≤85' | "LONG LOAD" sign only | No escort |
| Length (Combo) | >85' to ≤100' | 1 pilot car | Rear preferred |
| Length (Combo) | >100' to ≤150' | 2 pilot cars | Front/rear required |
| Length (Combo) | >150' | 3 pilot cars | Full convoy setup |
| Overhang | Rear >35' | 1 front + 1 rear pilot | Or front >60' |

Police and Pilot Requirements

| Category | Threshold/Requirement | Details/Rules |
|-------------------|---|--|
| Police Escort | Width >22' or case-by-case | Determined by permit office based on route safety; often 5+ pilot cars + law enforcement |
| Police Escort | Length >150' or complex maneuvers | May require Alaska State Troopers for traffic control/road closures |
| Police Escort | High-risk routes (ferry crossings, ice roads) | Mandatory coordination when pilots insufficient |
| Pilot Escort Cert | No statewide certification required | Operators must be experienced; vehicles meet equipment specs (signs, lights, radios) |
| Pilot Escort Cert | Vehicle standards mandatory | "OVERSIZE LOAD"/"WIDE LOAD" signs, amber rotating beacon visible 1,000 ft, 2-way radio |
| Pilot Escort Cert | No reciprocity | Alaska-specific equipment rules; local operators preferred |

Travel Restrictions

| Category | Threshold/Rule | Details/Exceptions |
|----------------------|--|--|
| Night Travel | Sunrise to sunset (default); ≤16"W/H/L allowed | Special permit required for night; amber rotating lights + illuminated "OVERSIZE LOAD" signs mandatory |
| Night Travel | Lighting requirements | Steady-burning red lights replace flags; full convoy lighting visible 1,000 ft |
| Night Travel | Exceptions | Permit-specific waivers for emergencies/utilities; rural routes more flexible |
| Weekend Travel | Saturday: sunrise-noon (≤10'W); no Sunday | Over 10'W prohibited weekends unless special permit; Anchorage/Fairbanks stricter |
| Weekend Travel | Regional exceptions | Rural highways: Sat until noon ≤12'W; urban: no weekend >10'W |
| Holiday Restrictions | No travel major holidays + eve/day windows | New Year's/Memorial/Independence/Labor/Thanksgiving/Christmas; noon day before to sunrise day after |
| Holiday Restrictions | Exceptions | ≤ legal dimensions or overweight-only; special permits case-by-case |
| Curfew Restrictions | Anchorage/Fairbanks: 7-9AM/4-6PM (weekdays) | Applies to >10'W loads; other boroughs follow permit conditions |
| Curfew Restrictions | Specific corridors | Municipality of Anchorage, Fairbanks North Star Borough; rural areas unrestricted |

Superload Triggers

| Category | Threshold/Trigger | Details/Engineering Review Requirements |
|-------------------------------|---|--|
| Superload Weight (Gross) | ≥250,000 lbs total gross weight | Mandatory bridge analysis + 5-day minimum processing; structural review required |
| Superload Weight (Axle/Group) | Beyond routine limits (e.g., >42k tridem) | Detailed axle configuration analysis for ice roads/bridges |
| Superload Dimension (Width) | >18' wide | Full route survey + traffic control plan; road closure likely |
| Superload Dimension (Height) | >18' high | Overheight pole + utility coordination; structural obstructions analysis |
| Superload Dimension (Length) | >150' overall length | Multi-agency approvals + pilot car convoy required |

Route Survey Requirements

| Category | Threshold/Trigger | Details/Documentation Format |
|-----------------------|-----------------------------|--|
| Route Survey Required | Height >15' | Permittee physically measures overhead clearances (overpasses/utilities); document lowest points |
| Route Survey Required | Width >16' | Detailed survey locating contact points/avoidance measures; precedes permit issuance |
| Route Survey Required | Length >150' | Full route validation confirming safe passage; bridge/roadway analysis |
| Route Survey Required | Over 14' wide (some routes) | May require police escort + survey per DOT&PF discretion |
| Documentation Format | Written permittee report | List mile markers, clearance measurements, obstacles, mitigation; signed certification |

Height Pole Policy

| Category | Threshold/Requirement | Details/Standards |
|-----------------------|---------------------------|--|
| Height Pole Required | Height >17' | Front pilot car must carry over-height pole ≥6" above max load height |
| Height Pole Required | Height >16' (some routes) | Required north of Fox Weigh Station; verifies utilities/overpasses |
| Operational Standards | Construction specs | Rigid except top 3+ ft (flexible/breakable material); non-conductive preferred |
| Operational Standards | Mounting/usage | Mounted on front pilot only; continuous clearance monitoring during movement |

WIM vs Staffed Notes

| Category | Threshold/Rule | Details/Notes |
|----------------|-----------------------------|---|
| WIM vs Staffed | No distinct requirements | OS/OW permits specify routes regardless of WIM/staffed status; standard weigh station stops apply |
| WIM vs Staffed | Routing/dispatch unaffected | DOT&PF route analysis governs all travel; WIM used for truck traffic patterns/enforcement screening |
| WIM vs Staffed | Enforcement screening | WIM supplements manned stations for axle data; no special bypass rules for permitted loads |

Seasonal Limits

| Category | Threshold/Rule | Details/Notes |
|---------------------|------------------------------|---|
| Spring Thaw | March-June (region-specific) | 50-75% legal axle weights; Central Region typically Mar-Jun; ends when frost recedes |
| Axle Reductions | All axles >10k GVW vehicles | Single axle down to ~6-9 tons; tandem/tridem proportionally reduced; posted as % of legal |
| Regional Variations | 4 DOT&PF regions | Southcoast: earlier lift; Northern: later (May-Jun); check 511.alaska.gov daily |
| Exceptions | Winter weight premiums | Oct-Mar: 10-20% over legal on select highways (Dalton, Elliott); ice road specific |

Florida, Escort Breakpoints

| Dimension | Threshold | Escorts Required | Notes/Placement |
|-------------------|----------------------------|---------------------------------|---|
| Width | >12' to ≤14' | 1 escort | Front (two-lane); rear (multi-lane) |
| Width | >14' | 2 escorts | 1 front/1 rear all roads; police if >15' |
| Height | >14'6" to ≤16' | 1 front escort w/height pole | Route survey required >15'; rear if multi-dimension |
| Height | >16' | 2 escorts (front pole required) | Law enforcement often added |
| Length | >75' to ≤95' | 1 escort (may be required) | Rear preferred; front on two-lane |
| Length | >95' | 2 escorts | Front/rear all roads |
| Length (Overhang) | Rear >20' past axle center | 1 escort | Rear escort required |

Police and Pilot Requirements

| Category | Threshold/Requirement | Details/Rules |
|----------|-----------------------|---------------|
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State-by-State OS/OW Data for USA

| Category | Threshold/Requirement | Details/Rules |
|-------------------|-----------------------------|--|
| Police Escort | Width/Height >16' | 1-2 law enforcement escorts + certified escorts required on state roads |
| Police Escort | Length >250' | One law enforcement escort + one qualified escort with height pole |
| Police Escort | Width >15' (discretionary) | May require State Police escort based on route/safety |
| Pilot Escort Cert | FDOT-approved certification | Complete 4-hour training course; valid 4 years; vehicle 2,000-26,000 lbs GVWR |
| Pilot Escort Cert | Reciprocal states accepted | AZ, CO, GA, MN, NC, OK, VA, WA, WI certifications valid in FL |
| Pilot Escort Cert | Equipment requirements | Amber rotating lights, "OVERSIZE LOAD" signs (5x7'), 2-way radio, height pole if front |

Travel Restrictions

| Category | Threshold/Rule | Details/Exceptions |
|----------------------|--|--|
| Night Travel | Sunrise to sunset (±30 min); >10'W prohibited | Allowed: ≤10'W/legal L/H until 10PM Sat/Sun; overweight-only 24/7; southern FL (south of city): 9PM-5AM for 10'-16'W |
| Night Travel | Lighting requirements | Flashing/rotating amber lights; "OVERSIZE LOAD" signs illuminated; red steady lights replace flags |
| Night Travel | Exceptions | Superloads/police escort authorized night moves |
| Weekend Travel | Sat/Sun: sunrise-noon (≤14'W/≤14'6"H) | Request weekend travel on permit; >14'W no weekend movement |
| Weekend Travel | Regional exceptions | No special county variations noted beyond standard curfews |
| Holiday Restrictions | No travel 6 holidays + MLK Day (>10'W/>14'6"H) | New Year's/Thanksgiving/Christmas (day before/after restricted); eve: noon day before to sunrise day after |
| Holiday Restrictions | Exceptions | Overweight-only continuous; ≤10'W/legal dims may travel |
| Curfew Restrictions | Hillsborough/Dade Counties: 7-9AM/4-6PM | Permit lists other county curfews by dimension; applies to oversize loads |
| Curfew Restrictions | Specific corridors | Permit-specific; Miami-Dade/Hillsborough most common |

Superload Triggers

| Category | Threshold/Trigger | Details/Engineering Review Requirements |
|-------------------------------|--|--|
| Superload Weight (Gross) | >200,000 lbs total gross weight | Requires bill of lading weight certification; route-specific bridge analysis |
| Superload Weight (Axle/Group) | Beyond standard permits (e.g., >100k tandem) | Structural engineering review for axle spacing/bridge postings |
| Superload Dimension (Width) | >20' wide | Advance agency coordination + traffic control plan |
| Superload Dimension (Height) | >19' high | Full utility/overpass survey required |
| Superload Dimension (Length) | >125' overall length | Pre-approved route with escorts/policy |

Route Survey Requirements

| Category | Threshold/Trigger | Details/Documentation Format |
|-----------------------|--------------------------------------|---|
| Route Survey Required | Height >15' | Written survey required; verify adequate overhead clearance on proposed route |
| Route Survey Required | Height >14'6" (some 2-lane routes) | Survey letter must confirm safe passage; submitted with permit application |
| Route Survey Required | Length >130' (no rear-ster dolly) | Physical route validation by qualified escort; match exact permit route |
| Route Survey Required | Height >18' or Width >22' | Mandatory survey letter with permit; engineering review often paired |
| Documentation Format | Hauler letterhead + signed statement | List route, mile markers, clearances verified, obstacles noted; performed by qualified escort |

Height Pole Policy

| Category | Threshold/Requirement | Details/Standards |
|-----------------------|-----------------------|---|
| Height Pole Required | Height >14'6" | Front/lead escort must carry height pole for vertical clearance measurement |
| Height Pole Required | Height >16' | Front escort w/height pole + rear escort required |
| Operational Standards | Construction rules | Non-conductive material, flexible top, set 6" above max load height |
| Operational Standards | Usage/positioning | Mounted on front pilot car only; used during route surveys and travel |

WIM vs Staffed Notes

| Category | Threshold/Rule | Details/Notes |
|----------------|-----------------------------|--|
| WIM vs Staffed | No distinct requirements | OS/OW permits specify routes regardless of WIM/staffed status; stop at open manned scales only |
| WIM vs Staffed | Routing/dispatch unaffected | FDOT route planner governs travel; WIM data supports planning, not enforcement routing |
| WIM vs Staffed | Enforcement screening | WIM supplements fixed/portable scales for axle data; no bypass rules or extra dispatch |

Seasonal Limits

| Category | Threshold/Rule | Details/Notes |
|-----------------|------------------------------|---|
| Seasonal Limits | None statewide | No spring thaw/frost laws due to subtropical climate; standard weights year-round |
| Axle Reductions | Not applicable | Occasional local postings during construction/flooding; check signage |
| Exceptions | Local road restrictions only | Municipalities post temporary limits; FDOT interstates unaffected |

Minnesota, Escort Breakpoints

| Dimension | Threshold | Escorts Required | Notes/Placement |
|-----------|------------------------|--|--|
| Width | >14'6" to 16' (bottom) | 1 rear (divided); 2 front/rear (undivided) | High pole on front if height also exceeds; measure at bottom |
| Width | >16' (top/bottom) | 2 front/rear (all roads) | Police escort if encroaches opposing lane on undivided |
| Height | >15'6" to 16' | 1 front escort with high pole | Height survey required for permit; rear if multi-dimension |
| Height | >16' | 2 front/rear escorts | High pole mandatory on front vehicle |
| Length | >95' to 110' | 1 escort (front or rear) | Rear preferred on divided; front on undivided |
| Length | >110' to 150' | 1 rear (divided); 2 front/rear (undivided) | Certified MnDOT or reciprocal state certification |
| Length | >150' | 2 front/rear (all roads) | Additional escorts if MnDOT deems necessary |

Police and Pilot Requirements

| Category | Threshold/Requirement | Details/Rules |
|-------------------|---|---|
| Police Escort | Encroachment on opposing lane (undivided roads) | Certified lead Peace Officer + front/rear escorts when load crosses centerline |
| Police Escort | Width >16' or extreme dimensions | Police escort if >16' wide (top/bottom) or per MnDOT discretion for safety |
| Police Escort | Length >150' or multi-dimension extremes | Often required alongside 2 escorts; route-specific via permit |
| Pilot Escort Cert | MnDOT certification mandatory | MN drivers complete approved course; exam, insurance proof, vehicle standards |
| Pilot Escort Cert | Reciprocal states accepted | CO/FL/NC/OK/UT/VA/WA certs valid if MN-compliant signs/lights/vehicle (60" WIDE LOAD top) |
| Pilot Escort Cert | Vehicle/equipment rules | Amber rotating lights, 2-way radio, "OVERSIZE LOAD" sign; annual renewal |

Travel Restrictions

| Category | Threshold/Rule | Details/Exceptions |
|----------------------|---|--|
| Night Travel | Sunrise to sunset (default); ≤10'W: 2AM-10PM | >10'W requires front/rear escorts + amber flashing lights (500ft visible), load outline lights; flags replaced by lights |
| Night Travel | Lighting requirements | "OVERSIZE LOAD" signs lighted/reflective; full convoy lighting for >85'L or >10'W |
| Night Travel | Exceptions | Permit-specific waivers; Twin Cities metro night window 12AM-5AM (Mon-Fri) for certain loads |
| Weekend Travel | Saturday: sunrise-sunset (≤10'W to 10PM) | Sunday: sunrise-noon only; summer (Memorial-Labor Day); no >14'6"W/>110'L Fri 2PM-Sat sunrise |
| Weekend Travel | Regional exceptions | Fishing Opener Weekend (May): full ban; curfew areas extend restrictions |
| Holiday Restrictions | No travel 2PM day before to 2AM day after | Applies statewide for >12'6"W or >110'L on major holidays (New Year's, Memorial, July 4, Labor, Thanksgiving, Christmas) |
| Holiday Restrictions | Exceptions | ≤ legal dims or overweight-only may travel; permit notes override |
| Curfew Restrictions | Twin Cities Metro: 6-8:30AM / 3:30-6PM (weekdays) | >95'L, >12'6"W, >14'H prohibited; Duluth: 7-8:30AM / 4-5:30PM |
| Curfew Restrictions | Specific corridors | Anoka, Hennepin, Ramsey, Washington counties; legal-weight up to 12'6"W/14'H/85'L allowed |

State-by-State OS/OW Data for USA

| Superload Triggers | | |
|-------------------------------|--------------------------------------|---|
| Category | Threshold/Trigger | Details/Engineering Review Requirements |
| Superload Weight (Gross) | >200,000 lbs total gross weight | Triggers superload permit with structural analysis for bridges/roads; axle spacing critical |
| Superload Weight (Axle/Group) | Tridem >60,000 lbs; Quad >72,000 lbs | Exceeds max permit groups (tandem 40-46k lbs); full route certification needed |
| Superload Dimension (Width) | >18' wide | Requires engineering analysis beyond standard 16' permit limit |
| Superload Dimension (Height) | >17' high | Height survey + structural review mandatory; overpass analysis |
| Superload Dimension (Length) | >170' overall length | Detailed route plan with traffic control, often police/2+ escorts |

| Route Survey Requirements | | |
|---------------------------|-------------------------|--|
| Category | Threshold/Trigger | Details/Documentation Format |
| Route Survey Required | Height >16' | Physical driven survey of full route; certify 6" vertical/1' lateral clearance |
| Route Survey Required | Width >20' | Document low bridges, rail crossings, maneuvers (e.g., lane use, backing); height pole mandatory |
| Route Survey Required | Length >175' | Survey by driver or certified pilot escort; match exact permit route |
| Route Survey Required | Superloads or high-risk | Photos/GPS of concerns; no pole vehicles recognized—full physical check required |
| Documentation Format | MnDOT Route Survey Form | Signed form (surveyor/carrier); list mile markers, clearances, obstacles; legible handwriting |

| Height Pole Policy | | |
|-----------------------|-------------------------------|---|
| Category | Threshold/Requirement | Details/Standards |
| Height Pole Required | Height >15'6" (escort/survey) | Front escort vehicle must carry nonconductive, flexible pole (top 3' breakable); used for route surveys |
| Height Pole Required | Route survey for >16' high | Set pole 6" above max load height; verify 6" vertical + 1' lateral clearance |
| Operational Standards | Construction rules | Rigid except top section; nondestructive, readily breakable; front pilot car only |
| Operational Standards | Usage during travel | Suggested (not mandatory) >15'5"; required for surveys; no pole vehicles for permitted travel |

| WIM vs Staffed Notes | | |
|----------------------|-----------------------------|--|
| Category | Threshold/Rule | Details/Notes |
| WIM vs Staffed | No distinct requirements | OS/OW permits specify routes regardless of WIM/staffed status; must stop at open manned stations but WIM sites don't trigger extra surveys/escorts |
| WIM vs Staffed | Routing/dispatch unaffected | MnDOT route plans govern all travel; WIM used for axle/load data collection, not compliance checks |
| WIM vs Staffed | Enforcement screening | Portable/permanent WIM supplements manned enforcement; no bypass rules or special dispatch noted |

| Seasonal Limits | | |
|-----------------------|--|---|
| Category | Threshold/Rule | Details/Notes |
| Spring Thaw (SLR) | Typically March-May (zone-dependent) | 5-7 ton axle limits on secondary roads; 9-10 tons interstates; ends when frost recedes (e.g., North: ~May 12; Metro: ~Apr 16) |
| Axle Group Reductions | All zones: 5-7 tons/axle during SLR | Tandem/tridem reduced proportionally; OS/OW permits limited or prohibited; check daily maps/phone |
| Frost Zones | 6 zones (North to Southeast) | Restrictions vary: North latest lift (~May-Jun); Metro earliest (~Apr); local roads may be 4 tons |
| Exceptions | Winter Load Increases (Dec); Summer overweight | Full weights resume post-SLR; permits available but reduced during thaw |

New York, Escort Breakpoints

| Dimension | Threshold | Escorts Required | Notes/Roadway Type |
|-----------|-------------------------------------|--|---|
| Width | ≥12' to <14' | 1 front (two-lane); 1 rear (multi-lane >2 lanes) | Height pole if >14'; overhang >10' triggers |
| Width | ≥14' to 16' | 2 escorts (front/rear all roads) | No business districts 7-9AM/4-6PM if ≥14'1" |
| Width | >16' (two-lane); ≥18' (four-lane) | 3 escorts (2 front/1 rear) | Police escort often added |
| Height | >14' | 1 front with height pole | Pole 3" above load height; 3,000 ft ahead |
| Height | ≥15' to 16' | 2 escorts; front pole required | No NY statewide travel 7-9AM/4-6PM if ≥15' |
| Height | >16' | 3 escorts + police | Full route survey typically needed |
| Length | ≥80' to <100' | 1 front (two-lane); 1 rear (multi-lane) | Overhang >10' front/rear adds escort |
| Length | ≥100' (two-lane); ≥160' (four-lane) | 3 escorts (2 front/1 rear) | 2 escorts if interstate-only ≥160' |
| Length | >160' | 3 escorts + police (all roads) | Certified communication mandatory |

| Police and Pilot Requirements | | |
|-------------------------------|---------------------------------|--|
| Category | Threshold/Requirement | Details/Rules |
| Police Escort | Width ≥16' | 1 police + 3-4 certified escorts (2 front/1-2 rear); superload protocol |
| Police Escort | Height ≥16' | 1 police + front escort w/height pole; route restrictions apply |
| Police Escort | Length ≥160'-200' | 1 police + 3 escorts; ≥200' mandatory NYSP escort (48hr notice) |
| Police Escort | Weight >200,000 lbs | 1 police escort required |
| Police Escort | Centerline crossing/slow speeds | NYSP escort whenever load crosses centerline or <20mph below posted speed |
| Pilot Escort Cert | NYSDOT certification (age 21+) | Complete approved course, pass exam (≥70%), carry cert 3yrs; vehicle ≥100" wheelbase |
| Pilot Escort Cert | Equipment standards | Amber roof bar (43-52"L), "OVERSIZE LOAD" signs, 2-way radio, height pole if front |

| Travel Restrictions | | |
|----------------------|---|--|
| Category | Threshold/Rule | Details/Exceptions |
| Night Travel | Prohibited (sunrise to sunset default) | Allowed: overweight-only ≤99,999 lbs (24/7); ≤12'W/85'L/legal H maintaining speed (permit-specific); NYC: 10PM-5:30AM for >10'W |
| Night Travel | Lighting requirements | Amber rotating lights (front), red rear; "OVERSIZE LOAD" illuminated signs; replace flags with steady lights |
| Night Travel | Exceptions | Permit-authorized for utilities/emergencies; NYC separate rules (10PM-5:30AM Mon-Thu) |
| Weekend Travel | Saturday: sunrise-noon (≤12'W/85'L/legal H) | Sunday prohibited; able to maintain traffic speed required |
| Weekend Travel | Regional exceptions | NYC/Long Island: night windows only; Thruway restrictions >14'W/H |
| Holiday Restrictions | No travel on 11 major holidays | New Year's/Martin Luther King/Presidents/Memorial/July4/Labor/Columbus/Veterans/Thanksgiving/Christmas/Eve/Day; Fri before some holidays noon-Sun rise |
| Holiday Restrictions | Exceptions | Overweight-only ≤125% legal or continuous permit loads |
| Curfew Restrictions | Statewide: 7-9AM/4-6PM (≥14'W/14'H/90'L) | No business districts; NYC: stricter (10PM-5AM >10'W); Thruway: >14' prohibited certain hours |
| Curfew Restrictions | Specific corridors | NYC DOT (separate permit); Long Island/Thruway urban zones |

| Superload Triggers | | |
|-------------------------------|--|---|
| Category | Threshold/Trigger | Details/Engineering Review Requirements |
| Superload Weight (Gross) | ≥200,000 lbs total gross weight | Full structural analysis (bridges/structures); NYSP inspection; 2-week minimum approval |
| Superload Weight (Axle/Group) | Extreme configurations beyond F1 formula | Axle-by-axle review (e.g., >59k tandem, >64k tridem); route-specific limits |
| Superload Dimension (Width) | ≥16' wide | Engineering feasibility + police/4 escorts; Thruway restrictions |
| Superload Dimension (Height) | ≥16' high | Comprehensive overpass/utility survey; height pole + front escorts mandatory |
| Superload Dimension (Length) | ≥160' overall length | Traffic control plan + NYSP escort; detailed maneuver analysis |

| Route Survey Requirements | | |
|---------------------------|--------------------------|---|
| Category | Threshold/Trigger | Details/Documentation Format |
| Route Survey Required | Height >13'11" | Certified escort physically drives route; verify 3" clearance (≤12'W) or 6" (>12'W) from overhead objects |
| Route Survey Required | Width >16' | Full route survey locating all contact points/avoidance measures; bridges/structures checked |
| Route Survey Required | Length >100' | Document roadway/bridge limits not exceeded; all physical objects cleared |
| Route Survey Required | Manufactured homes >14'W | Mandatory route survey per NYSDOT provisions |

State-by-State OS/OW Data for USA

| Documentation Format | Certified escort report | Detailed written survey listing mile markers, clearances, obstacles, avoidance plans; signed by certified escort | |
|--------------------------------------|--|--|---|
| Height Pole Policy | | | |
| Category | Threshold/Requirement | Details/Standards | |
| Height Pole Required | Height >14' | Front escort must carry height pole (3" above max load height); required for permit issuance | |
| Height Pole Required | Height >13'6" (Thruway); >13'11" (state) | Pole car leads 3,000 ft ahead; verifies overhead clearance during movement | |
| Operational Standards | Construction/positioning | Non-conductive, flexible top; mounted securely on front pilot vehicle only; visible markings | |
| Operational Standards | Usage rules | Measures vertical clearance continuously; certified escorts operate; NYC/Thruway may add requirements | |
| WIM vs Staffed Notes | | | |
| Category | Threshold/Rule | Details/Notes | |
| WIM vs Staffed | No distinct requirements | WIM automated (NYC BQE, Thruway) for weight enforcement; OS/OW routing follows NYSDOT permit paths regardless of site type | |
| WIM vs Staffed | Routing/dispatch unaffected | Must stop at open manned scales per permit; WIM violations trigger fines (\$650+), no special surveys/escorts | |
| WIM vs Staffed | Enforcement screening | WIM supplements manned stations (cameras + sensors); no bypass rules for permitted OS/OW | |
| Seasonal Limits | | | |
| Category | Threshold/Rule | Details/Notes | |
| Seasonal Limits | None statewide | No spring thaw/frost laws; DOT issues ad-hoc restrictions as conditions dictate | |
| Axle Reductions | Not applicable | Local postings possible (e.g., Westport NY town roads); check signage—no statewide cuts | |
| Exceptions | Snow removal periods | Tractor-trailers banned from major highways during active snow/ice removal | |
| Oklahoma, Escort Breakpoints | | | |
| Dimension | Threshold | Escorts Required | Notes/Placement |
| Width | ≥12' to <14' | 1 escort | Front (two-lane/super two-lane); rear (multi-lane) |
| Width | >14' to ≤16' | 2 escorts | Front/rear (two-lane/super two-lane); 1 rear (multi-lane) |
| Width | >16' | 2 escorts | Front/rear on all roads |
| Height | ≥14'6" | 2 escorts | Front/rear; contact utilities/railroads pre-move |
| Height | >15'9" | 2 escorts + height pole | Front escort with pole; full route notification |
| Length | >80' (two-lane) | 1 escort | Front on two-lane |
| Length | >100' (two-lane) | 2 escorts | Front/rear on two-lane; 1 rear multi-lane |
| Length | >120' | 2 escorts | Front/rear all roads |
| Police and Pilot Requirements | | | |
| Category | Threshold/Requirement | Details/Rules | |
| Police Escort | Width 20'-23' | OHP escort at discretion; routed to Troop S region | |
| Police Escort | Width ≥23' | OHP escort mandatory; coordinate via permit office | |
| Police Escort | Length 150'-200' | OHP escort at discretion | |
| Police Escort | Length >200' | OHP escort mandatory | |
| Police Escort | Width >16' | Directed to appropriate OHP Troop S region for review | |
| Pilot Escort Cert | DPS-approved training | Escort operators complete OK DPS course; pickup truck ≥1/4 ton or auto ≥2,000 lbs | |
| Pilot Escort Cert | Vehicle requirements | Licensed in OK/other state; amber lights, "OVERSIZE LOAD" signs, 2-way radio | |
| Pilot Escort Cert | Temporary registration | Out-of-state commercial escorts need OK Tax Commission temp registration for intrastate | |
| Travel Restrictions | | | |
| Category | Threshold/Rule | Details/Exceptions | |
| Night Travel | Sunrise to sunset (±30 min) | Prohibited except overweight-only (continuous); lighting: amber rotating beacons, "OVERSIZE LOAD" illuminated signs | |
| Night Travel | Lighting requirements | Red flags replaced by steady-burning red lights at night; full convoy lighting | |
| Night Travel | Exceptions | Permit-authorized night moves for emergencies/utilities | |
| Weekend Travel | Sat: sunrise to noon; Sun: prohibited | Same daylight rules; no special regional exceptions noted | |
| Weekend Travel | Regional exceptions | Urban counties follow weekday curfews | |
| Holiday Restrictions | No travel on 6 major holidays | New Year's, Memorial, July 4, Labor, Thanksgiving, Christmas (all day); eve restrictions vary by permit | |
| Holiday Restrictions | Exceptions | Overweight-only continuous; emergency waivers | |
| Curfew Restrictions | OK/Tulsa/Cleveland Counties: 7-9AM/3:30-6:30PM | Interstate system Mon-Fri; oversize loads only (O/W exempt) | |
| Curfew Restrictions | Specific corridors | Applies to National Interstate System in listed counties | |
| Superload Triggers | | | |
| Category | Threshold/Trigger | Details/Engineering Review Requirements | |
| Superload Weight (Gross) | >120,000 lbs total gross weight | Bridge/engineering review required; detailed axle config and route analysis | |
| Superload Weight (Axle/Group) | Steer >15,000 lbs; Tridem >60k; Quad >65k | Extra approval day(s); structural analysis for tight spacing | |
| Superload Dimension (Width) | >16' wide | Advance notice + engineering coordination beyond routine 16' limit | |
| Superload Dimension (Height) | >15'9" (route-dependent) | Route survey + utility notification; overpass analysis | |
| Superload Dimension (Length) | No fixed maximum; >120' extremes | Case-by-case engineering for maneuverability/bridges | |
| Route Survey Requirements | | | |
| Category | Threshold/Trigger | Details/Documentation Format | |
| Route Survey Required | Width >16' or Height >16' | Case-by-case if route planner fails; ODOT district approval needed | |
| Route Survey Required | Length >130' (no rear-steer dolly) | Full route validation pre-permit; pilot car driven survey preferred | |
| Route Survey Required | Superloads >185k lbs or complex dimensions | Bridge Division review + certified survey document; 5-day advance submission | |
| Documentation Format | Certified survey report | Company letterhead or state form; photos, GPS, clearances listed; signed by surveyor | |
| Height Pole Policy | | | |
| Category | Threshold/Requirement | Details/Standards | |
| Height Pole Required | Height ≥15'9" | 2 front escorts with height pole + 1 rear; contact utilities/railroads pre-move | |
| Height Pole Required | Height >14'6" (escort context) | Front escort carries pole for clearance verification | |
| Operational Standards | Construction rules | Non-conductive, flexible, non-fragile material; mounted on front pilot vehicle | |
| Operational Standards | Usage during travel/survey | Measures overhead clearances; required equipment for permitted heights | |
| WIM vs Staffed Notes | | | |
| Category | Threshold/Rule | Details/Notes | |
| WIM vs Staffed | No distinct requirements | OS/OW routing follows ODOT permit paths regardless of WIM/staffed status; stop at open manned scales only | |
| WIM vs Staffed | Routing/dispatch unaffected | Route planner and superload reviews govern; WIM data supports planning, not enforcement stops | |
| WIM vs Staffed | Enforcement screening | WIM supplements fixed/portable scales; no unique bypass or survey triggers | |
| Seasonal Limits | | | |
| Category | Threshold/Rule | Details/Notes | |
| Seasonal Limits | None statewide | No spring thaw/frost laws; standard ODOT permit weights apply year-round | |

State-by-State OS/OW Data for USA

| | | |
|-----------------|---------------------|--|
| Axle Reductions | Not applicable | County roads may post temporary limits (check signage); no statewide axle cuts |
| Exceptions | Local postings only | Occasional county restrictions during heavy rain; ODOT interstates unaffected |

Texas, Escort Breakpoints

| Dimension | Threshold | Escorts Required | Notes/Placement |
|-------------------|---------------------------|------------------|---|
| Width | Exceeding 14' to 16' | 1 escort | Front on two-lane highways; rear on divided/multi-lane |
| Width | Exceeding 16' (up to 18') | 1-2 escorts | 1 if ≤18'; 2 (front/rear) if >18' or multi-dimension |
| Width | Exceeding 18' | 2 escorts | Front and rear on all roads |
| Height | Exceeding 17' | 1 front escort | Must have height pole (nonconductive) for clearances |
| Height | Exceeding 18' | 2 escorts | 1 front (height pole) + 1 rear on all roads |
| Length | Exceeding 110' to 125' | 1 escort | Front on two-lane; rear on divided/multi-lane |
| Length | Exceeding 125' | 2 escorts | Front and rear on all roads |
| Length (Overhang) | Front/Rear exceeding 20' | 1 escort | Front for front overhang (two-lane); rear for rear overhang |

Police and Pilot Requirements

| Category | Threshold/Requirement | Details/Rules |
|-------------------|---|--|
| Police Escort | Width >18' or multi-dimension extremes | Required for loads >18' wide, >125' long, or >23' high; or superloads/risky routes |
| Police Escort | Length >150' or weight >200,000 lbs | Law enforcement escort mandatory for superloads or when specified by TxDMV permit |
| Police Escort | Height >20' or route-specific (e.g., urban) | Police may be required over 20' height or in jurisdictions like Uvalde (>10' wide/>65' long) |
| Police Escort | Combined dimensions (e.g., width + length) | If exceeds pilot car limits in 2+ dimensions, police escort often added for safety |
| Pilot Escort Cert | TxDMV certification required | Operators must complete TxDMV-approved training (8-hour course), pass exam, carry certificate |
| Pilot Escort Cert | Vehicle standards + ID card | Escort vehicle: 1,000-10,000 lbs GVW, amber lights, "OVERSIZE LOAD" sign, 2-way radio, height pole if needed |
| Pilot Escort Cert | Annual renewal + insurance | Certification renewed yearly; minimum liability insurance; must display ID on vehicle |

Travel Restrictions

| Category | Threshold/Rule | Details/Exceptions |
|----------------------|---|--|
| Night Travel | General: Sunrise to sunset (½ hour before/after) | Prohibited except: ≤10' wide or ≤100' long (Interstates only); overweight-only (any road); amber lights 500ft visible required |
| Night Travel | Lighting requirements | Flashing/rotating amber beacons; "OVERSIZE LOAD" signs; height poles if needed |
| Night Travel | Exceptions | Superloads/utility poles/emergencies may get waivers; pilot cars with lights |
| Weekend Travel | Saturday: Permitted (½ hour before sunrise to ½ hour after sunset) | Same as weekday unless permit restricts; Sunday often treated as holiday (no travel for most OS) |
| Weekend Travel | Regional exceptions | High-density areas (e.g., DFW, Houston) may ban weekends; check permit curfews |
| Holiday Restrictions | Prohibited on 6 major holidays (New Year's, Memorial, July 4, Labor, Thanksgiving, Christmas) | No travel for >14'W/16'H/110'L; eve/return: ½ hour after sunset day before to ½ hour before sunrise day after |
| Holiday Restrictions | Exceptions | Overweight-only or < legal limits may travel; permit-specific waivers |
| Curfew Restrictions | Urban/rush hour: 6-9 AM / 3-6 PM (varies) | Applies to metros (Dallas, Houston, Austin, San Antonio corridors); exact times on permit; no movement |
| Curfew Restrictions | Specific corridors | City/county lists (e.g., Uvalde, El Paso); interstates may allow if <10'W/100'L at night |

Superload Triggers

| Category | Threshold/Trigger | Details/Engineering Review Requirements |
|-------------------------------|--|---|
| Superload Weight (Gross) | >254,300 lbs total gross weight | Single-trip super heavy permit needed; route-specific engineering analysis for bridges/roads |
| Superload Weight (Axle/Group) | >200,000 lbs with <95 ft axle spacing | Or exceeding max permit axle weights (e.g., single >25k, tandem >46k); full structural review |
| Superload Weight (Group) | Tridem >60k, Quad >70k, Quint >81k lbs | Beyond standard permit tables; requires axle load analysis and superload permit |
| Superload Dimension (Width) | >20' (or >18' in some cases) | Triggers engineering for route feasibility; often pairs with police escort |
| Superload Dimension (Height) | >23' high | Special permit with height certification; structural review for overpasses |
| Superload Dimension (Length) | >165' overall length | Or >150' with extreme weight/width; requires detailed route survey |

Route Survey Requirements

| Category | Threshold/Trigger | Details/Documentation Format |
|-----------------------|--------------------------------|--|
| Route Survey Required | Width >20' | Physical inspection by company rep; certify safety for load/public/infrastructure |
| Route Survey Required | Height >18'11" | Full route check required pre-permit; document clearances, obstacles, utilities |
| Route Survey Required | Length >125' | Inspect entire proposed route; sign/date certification on company letterhead |
| Route Survey Required | Superloads or high-risk routes | Often paired with engineering analysis; photos, measurements, GPS logs recommended |
| Documentation Format | Signed certification | Company letterhead with rep signature/date; list route segments, clearances, issues; submit to TxDMV |

Height Pole Policy

| Category | Threshold/Requirement | Details/Standards |
|-----------------------|-----------------------|--|
| Height Pole Required | Height >17' | Front escort must have height pole (nonconductive metal/frangible top); ensures overhead clearance |
| Height Pole Required | Height >18' | Front pole + rear escort required; pole calibrated to load height +6" buffer |
| Operational Standards | Construction/usage | Nonconductive, flexible top (breaks on impact); mounted 14-17' high on pilot car; visible markings |
| Operational Standards | Escort placement | Only front pilot car; no "pole car only" travel; survey routes >19' height |

WIM vs Staffed Notes

| Category | Threshold/Rule | Details/Notes |
|----------------|-----------------------------|--|
| WIM vs Staffed | No distinct requirements | WIM sites (automated/portable) used for traffic data/pavement design; OS/OW routing follows standard TxDMV permit route plans regardless of WIM/staffed status |
| WIM vs Staffed | Routing/dispatch unaffected | Permits dictate routes based on dimensions/weight, not scale type; must stop at all open stations but WIM doesn't alter survey/escort rules |
| WIM vs Staffed | Enforcement screening | Portable/permanent WIM supplements manned stations for axle data; no bypass or extra dispatch mandated for WIM-only locations |

Seasonal Limits

| Category | Threshold/Rule | Details/Notes |
|-----------------|-------------------|---|
| Seasonal Limits | None statewide | No spring thaw/frost laws; Texas climate prevents road softening from freeze-thaw; standard permit weights apply all year |
| Axle Reductions | Not applicable | No seasonal axle/group reductions; load-zoned roads (10% below max) are permanent restrictions, not seasonal |
| Exceptions | Local/county only | Rare municipal frost restrictions possible (e.g., farm roads); check permit/route for non-standard postings |